

AMENDMENTS TO THE CLAIMS:

1.-127. *(Canceled)*

128. *(Presently Amended)* A method of identifying medical literature performed by a computer system, comprising:

(a) [[receiving]] executing computer code that receives a genetic profile of a patient;

(b) [[translating]] executing computer code that translates the genetic profile into one or more identifiers of a medical literature classification system for a medical literature database;

(c) searching the medical literature database for medical literature articles relating to the one or more identifiers using computer code that executes an evidence based medicine filter; and

(d) identifying the articles on a user interface.

129. *(Previously Presented)* The method of claim 128, wherein the genetic profile includes a genetic sequence.

130. *(Previously Presented)* The method of claim 128, wherein the genetic profile includes a single nucleotide polymorphism.

131. *(Canceled)*

132. *(Previously Presented)* The method of claim 128, wherein the medical literature articles are clinical articles.

133. *(Previously Presented)* The method of claim 128, wherein the medical literature articles include validated treatments.

134. *(Withdrawn)* The method of claim 128, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.

135. **(Withdrawn)** The method of claim 128, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.

136. **(Withdrawn)** The method of claim 128, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.

137. **(Previously Presented)** A computer readable medium comprising:

- (a) computer code that receives a genetic profile of a patient;
 - (b) computer code that translates the genetic profile into one or more identifiers of a medical literature classification system for a medical literature database;
 - (c) computer code that searches the medical literature database for medical literature articles relating to the one or more identifiers using an evidence based medicine filter; and
 - (d) computer code that identifies the articles on a user interface;
- wherein the computer readable medium is not a carrier wave.

138. **(Previously Presented)** The computer readable medium of claim 137, wherein the genetic profile includes a genetic sequence.

139. **(Previously Presented)** The computer readable medium of claim 137, wherein the genetic profile includes a single nucleotide polymorphism.

140. **(Canceled)**

141. **(Previously Presented)** The computer readable medium of claim 137, wherein the medical literature articles are clinical articles.

142. **(Previously Presented)** The computer readable medium of claim 137, wherein the medical literature articles include validated treatments.

143. **(Withdrawn)** The computer readable medium of claim 137, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.

144. *(Withdrawn)* The computer readable medium of claim 137, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.

145. *(Withdrawn)* The computer readable medium of claim 137, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.

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